

line 29, delete "also be";

line 30, after "viruses" insert a comma;

line 31, delete ")" and insert therefor --or "Human

B<sup>3</sup> Immunodeficiency Virus Type 1" or simply "HIV-1")--; and

line 33, delete "DNA" and insert therefor --RNA--.

Page 2, line 5, change "occurring" to --occurring--;

line 13, after "Finally" insert a comma; and

line 16, delete "syndroms" and insert therefor

--syndromes--.

Page 3, line 22, delete "whole-DNA" and insert therefor

--whole DNA--;

line 23, delete "nucelotidie" and insert therefor

--nucleotide--;

line 24, delete "fig." and insert therefor

--Figs.--; and

between lines 27 and 28, insert:

--BRIEF DESCRIPTION OF THE DRAWINGS--.

B<sup>4</sup> Page 4, line 4, delete "nucleotidic" and insert therefor

--nucleotide--;

line 5, delete "peptidie" and insert therefor

--peptide--;

line 7, delete "nucleotidie" and insert therefor

--nucleotide--;

line 9, delete "enveloppe" and insert therefor

--envelope--;

line 10, delete "peptidic" and insert therefor  
--peptide--;

line 11, delete "responds" and insert therefor  
--respond--;

between lines 11 and 12, insert:

05  
--DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS--

line 13, delete "was" and insert therefor --were--;  
line 20, delete "the" and insert therefor --The--;  
line 26, delete "SmaI" and insert therefor  
--SmaI--.

Page 5, line 12, delete "Hind III" and insert therefor  
--HindIII--; and

line 13, delete "this" and insert therefor  
--This--.

Page 7, line 6, delete "Sanger et al (Sanger" and insert  
therefor --Sanger et al. Sanger--;

line 8, delete "the" and insert therefor --The--;  
line 10, after "(1983" insert --)--;  
line 18, delete "nucleotide" and insert therefor  
--nucleotide--;

line 20, delete "Hind III" and insert therefor  
--HindIII--;

line 21, delete "AAG. ." and insert therefor  
--AAG . . .--;

line 25, delete "I.e." and insert therefor --That  
is,--;

line 28, delete "tidic" and insert therefor  
--tide--;

line 29, delete "aminoacid" and insert therefor  
--amino acid--; and

line 30, delete "at" and insert therefor --of--.

Page 8, line 19, delete "nucleotidic" and insert therefor  
--nucleotide--; after "4" insert a comma;

line 21, change "handside" to --hand side--;

line 22, delete "theoritical" and insert therefor  
--theoretical--; delete "all over" and insert therefor --over  
all--;

line 23, delete "successives" and insert therefor  
--successive--; delete "nucleotidic" and insert therefor  
--nucleotide--;

line 28, change "handside" to --hand side--; and

line 30, delete "nucleotidic" and insert therefor  
--nucleotide--.

Page 9, lines 3 and 5, delete "nucleotidic" and insert  
therefor --nucleotide--;

line 8, delete "aminoacid" and insert therefor  
--amino acid--;

line 14, delete "aminoacid" and insert therefor  
--amino acid--;

line 15, delete "nucleotidic" and insert therefor  
--nucleotide--;

line 19, delete "aminoacid" and insert therefor  
--amino acid--; and

line 22, delete "aminoacids" and insert therefor  
--amino acids--.

Page 10, line 5, delete "nucleotidic" and insert therefor  
--nucleotide--;

line 6, delete "nucleotidic" and insert therefor  
--nucleotide--;

line 15, delete "nucleotidic" and insert therefor  
--nucleotide--;

line 17, delete "tidic" and insert therefor  
--ide--;

line 18, delete "Polypeptidic" and insert therefor  
--Polypeptide--;

line 22, delete "th" and insert therefor --the--;

line 23, delete "feature" and insert therefor  
--features--;

line 26, after "18" insert a comma;

line 28, after "difficulties" delete the period;

line 29, after "13" change the period to a comma;

line 30, after "15" change the period to a comma;

and

line 32, after "Thus" insert a comma; after  
"instance" insert a comma; and

line 36, after "words" insert a comma.

Page 11, line 5, change "proceed" to --proceeds--.

line 6, delete "etc..." and insert therefor

--etc.--;

line 10, delete "reference" and insert therefor

--Reference--;

line 12, delete "aminoacid" and insert therefor

--amino acid--;

line 14, delete "aminoacid" and insert therefor

--amino acid--;

line 15, after "Thus" insert a comma; delete "in"  
and insert therefor --is--;

line 19, delete "hydrophylic" and insert therefor

--hydrophilic--;

line 22, after "Consequently" insert a comma;

line 26, delete "env-proteins" and insert therefor

--env proteins--;

line 29, delete "aminoacid" and insert therefor

--amino acid--;

line 28, delete "aminoacids" and insert therefor

--amino acids--;

line 31, after "extend" insert a comma; and

line 32, after "respectively" insert a comma.

Page 12, line 4, delete "they" and insert therefor

--They--; and

line 6, delete "aminoacid" and insert therefor --

amino acid--;

line 9, delete "aminoacids" and insert therefor --amino acids--.

Page 13, line 32, delete "exemplified" and insert therefor --exemplified--;

line 33, delete "reference is for instance" and insert therefor --Reference is, for instance,--; and

line 36, before "calcium" insert --such as--.

Page 14, line 3, after "yeast" delete "-";

line 7, delete "Recombinant" and insert therefor --Recombinants--;

line 21, delete "antihemophylic" and insert therefor --antihemophilic--; after "factors" insert a comma;

line 26, delete "said", after "support" insert a comma;

line 27, after "virion" insert a comma; and

line 35, after "symptoms" delete ",,".

Page 15, line 3, delete "comprise" and insert therefor --comprises--;

line 6, after "tissues," insert --and--;

line 11, delete "evolutionnary" and insert therefor --evolutionary--;

line 14, after "non" insert -- - --;

line 15, after "can" insert --also--;

line 16, delete "also";

line 30, after "Conversely" insert a comma; and

line 34, after "antibodies" insert a comma.

Page 16, line 1, after "invention" insert a comma;

line 6, after "Thus" insert a comma;

line 12, change "above mentioned" to --above-mentioned--;

line 14, after "Finally" insert a comma;

line 17, after "oligopeptides" insert a comma;

line 19, after "Preferably" insert a comma;

line 21, delete "aminoacid" and insert therefor --amino acid--;

line 22, delete "for" and insert therefor

--from--; delete "genomas" and insert therefor --genomes--;

line 32, after "clarity" insert a comma; and

line 33, delete "reference" and insert therefor

--Reference--.

Page 17, line 2, delete "genoma" and insert therefor

--genome--;

line 3, after "Finally" insert a comma;

line 6, after "Particularly" insert a comma; and

line 10, after "defined" delete ", of a".

IN THE CLAIMS:

Please cancel claim 1 and add the following new claims.

--11. An *in vitro* diagnostic method for detecting the presence or absence of nucleic acid of a human immunodeficiency virus type 1 (HIV-1) in a biological sample comprising: